



PIPE STEEL INDUSTRIES

COMPANY PROFILE



Global Manufacturing Locations & Supplier of your Piping Requirements



Introducing TBSP Group:

TBSP Group stands as a leading global specialist in providing steel pipes and pipe components to diverse customer groups in the Oil & Gas and Construction industries. With its inception in 1992 in Tianjin, China, TBSP Group has grown to be a renowned name, offering tailored and top-notch piping solutions to clients worldwide in a reliable and cost-effective manner.

A testament to our commitment to quality and competitiveness, TBSP established the P.S.I brand. This visionary initiative aims to serve global non Oil & Gas industries with exceptional pipes and pipe components through our international teams and an extensive distribution network.

Our state-of-the-art production facility, encompassing an expansive 195,000 square meter land area, boasts cutting-edge production lines, three covered warehouses, and an additional open warehouse stocking around 60,000 tons of pipes, strategically located within a 15 Km radius of Tianjin Sea Port. This ensures seamless accessibility and efficient delivery to our valued customers.

At the heart of TBSP's values lies an unwavering focus on long-term continuity rather than short-term gains. We pride ourselves on fostering a culture of dedicated employees who exemplify local entrepreneurship, customer-centricity, expertise, and trustworthiness.

With an installed annual production capacity of 150,000 Metric Tons, TBSP Group is committed to supplying tailor-made, high-quality piping solutions, catering to the specific needs of various industries worldwide.

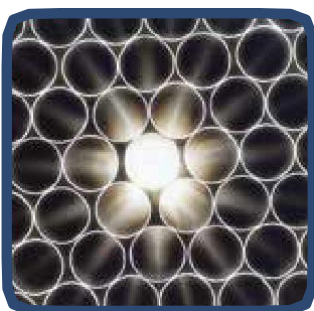
Pipe Steel Industries, a brand owned by TBSP Group, is globally recognized as a leading manufacturer of pipes and fittings for industrial, process, and commercial industries. Our state-of-the-art manufacturing facilities, strategically located in China and the Asia Pacific region, are approved and certified by prominent end users and esteemed third-party organizations like UL, FM, and ISO. The unparalleled quality of our materials and the extensive range of products in our stock assortment are a testament to our manufacturing expertise.

TBCC International functions as the regional headquarters and operational centres for TBSP Group, with presence in Singapore for Southeast Asia and Dubai for MENA region enabling efficient distribution of P.S.I products worldwide. With over three decades of experience, TBSP Group has successfully solidified its position as a trusted and reliable business partner in the industry.

To ensure seamless project progress, we have a dedicated operations and logistics team working in tandem with our manufacturing facilities. This collaboration allows us to strive for timely delivery, which is crucial for the advancement of any project.

In summary, P.S.I, as a brand under TBSP Group, stands out as a renowned and accomplished manufacturer of pipes and fittings. Our manufacturing capabilities, supported by approved facilities and rigorous quality standards, establish us as a preferred choice for clients in various industries. By leveraging our dedicated operations and logistics team, we consistently deliver high-quality products on time, facilitating the successful execution of our clients' projects.







Contact P.S.I in your region for any of your piping needs

Nominal size			OD	Nominal wall thickness for welded & seamless steel pipe- ANSI B36.10																	Volume
DN	NPS	All dimensions are shown in millimetres																			
			Weight is shown in kg / m												Austenitic stainless steel				Shipping		
SI Metric	ANSI Term		10	20	30	STD	40	60	XS	80	100	120	140	160	XXS	5S	10S	40S	80S	Vol / M m3	
6	1/8	10,30				1,73	1,73		2,41	2,41							1,24	1,73	2,41	0,0001	
						0,37	0,37		0,47	0,47							0,28	0,37	0,48		
8	1/4	13,70				2,24	2,24		3,02	3,02							1,65	2,24	3,02	0,0002	
						0,63	0,63		0,80	0,80							0,50	0,65	0,81		
10	3/8	17,10				2,31	2,31		3,20	3,20							1,65	2,31	3,20	0,0003	
						0,84	0,84		1,10	1,10							0,64	0,86	1,12		
15	1/2	21,30				2,77	2,77		3,73	3,73				4,78	7,47	1,65	2,11	2,77	3,73	0,0005	
						1,27	1,27		1,62	1,62				1,95	2,55	0,82	1,02	1,28	1,64		
20	3/4	26,70				2,87	2,87		3,91	3,91				5,56	7,82	1,65	2,11	2,87	3,91	0,0007	
						1,69	1,69		2,20	2,20				2,90	3,64	1,04	1,31	1,71	2,23		
25	1	33,40				3,38	3,38		4,55	4,55				6,35	9,09	1,65	2,77	3,38	4,55	0,0011	
						2,50	2,50		3,24	3,24				4,24	5,45	1,32	2,13	2,54	3,29		
32	1 1/4	42,20				3,56	3,56		4,85	4,85				6,35	9,70	1,65	2,77	3,56	4,85	0,0018	
						3,39	3,39		4,47	4,47				5,61	7,77	1,68	2,75	3,44	4,53		
40	1 1/2	48,30				3,68	3,68		5,08	5,08				7,14	10,15	1,65	2,77	3,68	5,08	0,0023	
						4,05	4,05		5,41	5,41				7,25	9,55	1,94	3,17	4,13	5,50		
50	2	60,30				3,91	3,91		5,54	5,54				8,74	11,07	1,65	2,77	3,91	5,54	0,0036	
						5,44	5,44		7,48	7,48				11,11	13,44	2,43	4,01	5,55	7,59		
65	2 1/2	73,00				5,16	5,16		7,01	7,01				9,53	14,02	2,11	3,05	5,16	7,01	0,0053	
						8,63	8,63		11,41	11,41				14,92	20,39	3,76	5,37	8,80	11,58		
80	3	88,90				5,49	5,49		7,62	7,62				11,13	15,24	2,11	3,05	5,49	7,62	0,0079	
						11,29	11,29		15,27	15,27				21,35	27,68	4,61	6,59	11,46	15,50		
90	3 1/2	101,60				5,74	5,74		8,08	8,08						2,11	3,05	5,74	8,08	0,0103	
						13,57	13,57		18,63	18,63						5,28	7,56	13,77	18,91		
100	4	114,30				6,02	6,02		8,56	8,56		11,13		13,49	17,12	2,11	3,05	6,02	8,56	0,0131	
						16,07	16,07		22,32	22,32		28,32		33,54	41,03	5,95	8,53	16,32	22,66		
125	5	141,30				6,55	6,55		9,53	9,53		12,70		15,88	19,05	2,77	3,40	6,55	9,53	0,0200	
						21,77	21,77		30,97	30,97		40,28		49,11	57,43	9,65	11,79	22,09	31,43		
150	6	168,30				7,11	7,11		10,97	10,97		14,27		18,26	21,95	2,77	3,40	7,11	10,97	0,0283	
						28,26	28,26		42,56	42,56		54,20		67,56	79,22	11,53	14,10	28,69	43,20		
200	8	219,10		6,35	7,04	8,18	8,18	10,31	12,70	12,70	15,09	18,26	20,62	23,01	22,23	2,77	3,76	8,18	12,70	0,0480	
				33,31	36,81	42,55	42,55	53,08	64,64	64,64	75,92	90,44	100,92	111,27	107,92	15,07	20,37	43,18	65,61		
250	10	273,10		6,35	7,80	9,27	9,27	12,70	12,70	15,09	18,26	21,44	25,40	28,58	31,75	3,40	4,19	9,27	12,70	0,0746	
				41,77	51,03	60,31	60,31	81,55	81,55	96,01	114,75	133,06	155,15	172,33	155,15	23,06	28,34	61,22	82,78		
300	12	323,90		6,35	8,38	9,53	10,31	14,27	12,70	17,48	21,44	25,40	28,58	33,32	35,40	3,96	4,57	9,52	12,70	0,1049	
				49,73	65,20	73,88	79,73	108,96	97,46	132,08	159,91	186,97	208,14	238,76	186,97	31,87	36,71	74,91	98,92		
350	14	355,60		6,35	7,92	9,53	9,53	11,13	15,09	12,70	19,05	23,83	27,79	31,75	35,71	3,96	4,78			0,1265	
				54,69	67,90	81,33	81,33	94,55	126,71	107,39	158,10	194,96	224,65	253,56	281,70	35,03	42,18				
400	16	406,40		6,35	7,92	9,53	9,53	12,70	16,66	12,70	21,44	26,19	30,96	36,53	40,49	4,19	4,78			0,1652	
				62,64	77,83	93,27	93,27	123,30	160,12	123,30	203,53	245,56	286,64	333,19	365,36	42,39	48,29				
450	18	457,0		6,35	7,92	11,13	9,53	14,27	19,05	12,70	23,88	29,36	34,93	39,67	45,24	4,19	4,78			0,2088	
				70,51	87,71	122,38	105,16	155,80	205,74	139,15	255,06	309,62	363,56	408,26	459,37	47,72	54,37				
500	20	508,0		6,35	9,53	12,70	9,53	15,09	20,62	12,70	26,19	32,54	38,10	44,45	50,01	4,78	5,54			0,2581	
				78,55	117,15	155,12	117,15	183,42	247,83	155,12	311,17	381,53	441,49	508,11	564,81	60,50	70,02				
550	22	559,0		6,35	9,53	12,70	9,53		22,23	12,70	28,58	34,93	41,28	47,63	53,98	4,78	5,54			0,3125	
				86,54	129,13	171,09	129,13		294,25	171,09	373,83	451,42	527,02	600,63	672,26	66,64	77,12				
600	24	610,0		6,35	9,53	14,27	9,53	17,48	24,61	12,70	30,96	38,89	46,02	52,37	59,54	5,54	6,35			0,3721	
				94,53	141,12	209,64	141,12	255,41	355,26	187,06	442,08	547,71	640,03	720,15	808,22	84,23	96,42				
650	26	660,0		7,92	12,70		9,53			12,70										0,4356	
				127,36	202,72		152,87			202,72											
700	28	711,0		7,92	12,70	15,88	9,53			12,70										0,5055	
				137,32	218,69	272,21	164,85			218,69											
750	30	762,0		7,92	12,70	15,88	9,53			12,70							6,35	7,92		0,5806	
				147,28	234,67	292,18	176,84			234,67							120,69	150,22			
800	32	813,0		7,92	12,70	15,88	9,53	17,48		12,70										0,6610	
				157,24	250,64	312,15	188,82	342,91		250,64											
850	34	864,0		7,92	12,70	15,88	9,53	17,48		12,70										0,7465	
				167,20	266,61	332,12	200,81	364,90		266,61											
900	36	914,0		7,92	12,70	15,88	9,53	19,05		12,70										0,8354	
				176,96	282,27	351,70	212,56	420,42		282,27											
950	38	965,0				9,53				12,70										0,9312	
						224,54				298,24											
1000	40	1.016				9,53				12,70										1,0323	
						236,53				314,22											
1050	42	1.067				9,53				12,70										1,1385	
						248,52				330,19											
1100	44	1.118				9,53				12,70										1,2499	
						260,50				346,16											
1150	46	1.160				9,53															



Applications

Our seamless, Welded pipes and fittings can be used for a large variety of applications within the steel construction industry, like: Chilled Water, Fire Fighting, District Cooling and many more.

- High Rise Towers
- Bridges
- Mixed Use Developments
- Train Stations
- Sports Stadiums
- Greenhouses
- Shopping Malls
- Factories
- Motorway Railings
- Hospitals & Clinics
- Airports
- Military Barracks
- Schools & Universities
- Luxury Hotels
- Apartment Buildings
- Palaces & Luxury Villas

Assortment Power

P.S.I specializes in stocking and distributing high-quality carbon and stainless steel tubes, bars and components. With our very wide and deep stock program and our logistic network, we can meet even the most specialized demand and supply within short notice throughout the region.

Delivery Program for HVAC and Fire Fighting

Pipes Carbon Steel (Black/Galvanized):

- NPS ½" to 24" ERW/HFI Pipes to ASTM A53 Gr. B
- NPS ½" to 24" Seamless Pipes to ASTM A53 / A106 Gr. B
- NPS 26" to 60" SAW Pipes to API SL Gr. B
- Dimensional standard of CS Pipes as per ASME/ANSI B36.10
- If required, Pipes are Galvanized as per ASTM A53 / A153 / A123

Wrought Butt Weld Fittings:

- NPS 2. ½" and above
- Carbon Steel BW Fittings to ASTM A234 WPB
- Low Temperature Carbon Steel BW Fittings to ASTM A420 WPL6
- Dimensional Standard ANSI B16.9, B16.28, MSS SP-75
- Ends of Fittings Beveled as per ASME B16.25

Malleable Iron Threaded Pipe Fittings (Black/Galvanized)

Malleable iron fittings conforming to BS 143 & BS 1256:1986 which is equivalent to ISO 49 and DIN 2950

Internal and external jointing threads conforming to BS21 (ISO R7 / 1) / ASME / ANSI B1.20.1 NPT (Taper Threads)

Dimensions for fittings and comply with BS143 & BS 1256 and ISO 49

Fittings are also according to DIN EN 10242 which is equivalent to ANSI B 16.3

Galvanized as per ASTM A153

Ductile Iron Groove Fittings (Black/Galvanized/Red Painted)

- Material as per the standard ASTM A536 Grade shall be 65-45-12
- ANSI/AWWA-CI 10/A21.10 for center to end dimensions
- ANSI/AWWA-CI 10/A21.10 or ANSI/AWWA C153/A21.53 for wall thickness
- End preparation are per ANSI/AWWA-C606 rigid radius grooving
- Galvanized as per ASTM A153

Ductile Iron Couplings (Black/Galvanized/Red Painted)

The design of the couplings shall be of below mentioned types:

- Rigid Coupling
- Flexible Coupling
- Reducing Coupling

Material as per the standard ASTM A536 Grade shall be 65-45-12

Gasket: Halogenated Butyl per ASTM D2000

Couplings are designed for use on flexible or rigid radius grooved ductile iron pipe per ANSI/AWWA C606

Bolt/Nut: Oval neck track bolt and heavy hex nut per ANSI/ASME B18.10 and BIB.2.2

- Galvanized as per ASTM A153

Services

With value creating services like many kinds of surface treatments, cutting and machining, we can save you time, transport and storage costs. You receive your products ready for further processing in your plant. Our service offer comprises:

- Shot blasting and pickling
- Galvanizing
- Coating

We also offer other services in the area of logistics and quality control, all to make your life easier and to reduce the total cost of ownership. Whatever the customer wants, P.S.I has the ability to arrange it.

Project Management

Steel construction projects can be lengthy and complex. Based on our knowledge and experience of over 30 years in global market, we are able to handle these projects from concept to execution phase. Our project management services include:

- 5000+ tons of Construction stock in the region
- Stocks complying to ASTM A53 / A106 / API SL Standards (UL Listed)
- Monitoring delivery times
- Customer dedicated stocks
- Packaging, composition of kits
- Just-in-Time delivery on the construction site
- Delivery of required documents or certificates





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